

August 26, 2008

INFILTRATOR SYSTEMS INC.
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Re: Description: SEWAGE TANKS, POLYETHYLENE
Manufacturer: INFILTRATOR SYSTEMS INC.
Product Name: SEPTIC, SEPTIC/SEPTIC, SEPTIC/PUMP, PUMP, HOLDING
Model Number(s): TW-900
[39.75 IN. L.L.; 48 IN. MAX. DEPTH OF BURY; 508 G.P.D. WHEN USED AS A SEPTIC
TANK, 292 G.P.D. WHEN USED AS A SEPTIC/PUMP TANK BASED ON A 3 YR.
SERVICE INTERVAL FOR RESIDENTIAL WASTEWATER; FOR TANK CAPACITY PER
INCH SEE TABLE 1.]
Product File No: 20080463

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of August 2013.**

This approval is contingent upon compliance with the following stipulation(s):

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- Installation and servicing of this product must be in accordance with the manufacturer's instructions. A copy of the manufacturer's installation and servicing instructions must be given to the owner of the system.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- Before this product is installed a warning label meeting the requirement of Comm s. 84.25(8)(b), Wis. Admin. Code must be securely attached to the manhole cover.

Table 1- Capacity Chart
TW 900
Total Liquid Volume in Tank at Indicated Height

Inches	Total Volume (gals.)	First Comp. Volume (gal.)	Second Comp. Volume (gal.)
1	10	6	4
2	22	13	9
3	41	25	16
4	62	37	25
5	84	50	34
6	106	63	42
7	128	77	51
8	150	90	60
9	172	103	69
10	195	117	78
11	218	131	87
12	242	145	97
13	265	159	106
14	289	173	116
15	313	188	125
16	337	202	135
17	361	217	145
18	386	232	154
19	411	246	164
20	436	261	174
21	462	277	185
22	488	293	195
23	515	309	206
24	542	325	217
25	569	341	228
26	595	357	238
27	620	372	248
28	644	387	258
29	669	401	268
30	693	416	277
31	718	431	287
32	741	445	297
33	765	459	306
34	788	473	315
35	811	487	324
36	834	500	333
37	856	514	342
38	877	526	351
39	898	539	359
40	920	552	368
41	938	563	375
42	957	574	383
43	976	586	390
44	994	597	398
45	1,011	607	405
46	1,025	615	410
47	1,036	622	414
48	1,045	627	418
49	1,060	636	424

Note: Height measured from inside surface at bottom of corrugation in tank.

- This product is approved to use the following:
 - The tank provides 3 ports at each end (2 on sides and one on end) for inlet or outlet piping, depending upon the configuration of the site.
 - Inlet and outlet pipe diameter is 4 inches for the inlet and outlet. The pipe can be Schedule 40 or SDR 35.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Inlet/outlet pipe water tightness is provided through the use of a rubber gasket, Serco Septic-Tite gasket. A detail of the tank wall penetration is provided in the installation instructions
 - Mechanisms for pump electrical connections from riser lid or other locations through the riser must be completed in conformance with the riser manufacturer's installation instructions.
 - Compatible risers include 24-inch-diameter riser products from Polylok®, Inc., Tuf-Tite® Corporation, EZ SET, and IPEX (Ultra Rib), in addition to 24-inch-diameter corrugated pipe. Maximum riser height is per the riser manufacturer's installation instructions.
- Tank bedding shall consist of native soil (without rocks/protrusions).or a minimum of 4 inches of granular material – pea stone, sand, or gravel. Anchoring required if shallow depth to groundwater may result in 18-inch rise.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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